

From wang!elf.wang.com!ucsd.edu!info-hams-relay Fri Mar 15 13:48:08 1991 remote  
from tosspot  
Received: by tosspot (1.63/waf)  
via UUCP; Fri, 15 Mar 91 17:05:27 EST  
for lee  
Received: from somewhere by elf.wang.com  
id aa09986; Fri, 15 Mar 91 13:48:07 GMT  
Received: from ucsd.edu by news.UU.NET with SMTP  
(5.61/UUNET-shadow-mx) id AA03697; Fri, 15 Mar 91 08:35:11 -0500  
Received: by ucsd.edu; id AA23333  
sendmail 5.64/UCSD-2.1-sun  
Fri, 15 Mar 91 04:19:54 -0800 for nixbur!schroeder.pad  
Received: by ucsd.edu; id AA23322  
sendmail 5.64/UCSD-2.1-sun  
Fri, 15 Mar 91 04:19:50 -0800 for /usr/lib/sendmail -oc -odb -oQ/var/spool/  
lqueue -oi -finfo-hams-relay info-hams-list  
Message-Id: <9103151219.AA23322@ucsd.edu>  
Date: Fri, 15 Mar 91 04:19:47 PST  
From: Info-Hams Mailing List and Newsgroup <info-hams-relay@ucsd.edu>  
Reply-To: Info-Hams@ucsd.edu  
Subject: Info-Hams Digest V91 #209  
To: Info-Hams@ucsd.edu

Info-Hams Digest                      Fri, 15 Mar 91                      Volume 91 : Issue 209

Today's Topics:

Alinco 590  
AM/FM Mods  
Antenna Question  
ARRLDX 013  
DX Bulletin  
Ham Stacks Sighted!  
Ham Trader Yellow Sheets? (2 msgs)  
info on VCO  
Looking for E-Mail Path  
MODS FTP SITES  
Re: Data Packet Radio Might be Censored After FCC Citation  
SOLAR TERRESTRIAL BULLETIN - SOLAR AND STORM WARNING UPDATES  
TH-77A hum in TX audio

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text herein consists of personal comments and does not represent the official policies or positions of any party. Your mileage may vary. So there.

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Date: 13 Mar 91 19:49:22 GMT  
From: medin@cod.nosc.mil (Ted Medin)  
Subject: Alinco 590  
To: info-hams@ucsd.edu

In article <9103112035.AA08638@ucsd.edu> nfunamura%mis2.decnet@NUWES-LLL.NAVY.MIL ("MIS2::NFUNAMURA") writes:

> I thought I saw a posting a couple of weeks ago from someone who had  
> written a 65 page manual for the Alinco 590. I didn't save it at that time but  
> now a friend has just purchased a 590 and would like to have a copy of the  
poor fellow buying a 590 was one mistake i made :-(

73 ted  
n6trf

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Date: 12 Mar 91 22:47:11 GMT  
From: ucla-ma!hgw@cs.ucla.edu  
Subject: AM/FM Mods  
To: info-hams@ucsd.edu

I would like to modify a FM radio (88MH to 108MH) so it would receive in the 72MH to 77MH band. Since this new frequency is so close to the regular FM frequencies, I figure a simple "detuning" of the radio might get me what I want. Can anyone shed some light on how I may do this? I don't care much about what this modification will do to the operation of the radio as long as I can to the 72 to 77 MH frequencies. Thanks in advance.

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Harold Wong (213) 825-9040  
UCLA-Mathnet; 3915F MSA; 405 Hilgard Ave.; Los Angeles, CA 90024-1555  
ARPA: hgw@math.ucla.edu BITNET: hgw%math.ucla.edu@INTERBIT

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Date: 14 Mar 91 15:07:39 GMT  
From: vela!argo.acs.oakland.edu!SDKU0@gumby.wisc.edu (Steve Kuo)  
Subject: Antenna Question  
To: info-hams@ucsd.edu

In article <1991Mar13.224233.3352@vax5.cit.cornell.edu>, inuy@vax5.cit.cornell.edu writes:

>I have an antenna question for all of you who are good at that type  
>of thing. I have been looking over different types of antenna, and  
>I think I want to build a yagi beam. I have figured out all the  
>dimensions of it, but there is one problem. The book has the  
>impedance listed as 75 ohms, but my (a VHF scanner) receiver has a  
>50 ohm input impedance. Will this make much of a difference to a  
>receiver? If it will degrade the performance of the antenna, is  
>there a simple way to transform the 75 ohm impedance from the  
>antenna to 50 ohms?  
>--Matthew Kleinmann

Will hooking up a 75 ohm antenna to a 50 ohm input make a difference?  
Not really for receiving purposes, 75 ohm is close enough. In fact,  
75 ohm coax cable (RG/59?) that is designed for VHF/UHF TVs might be  
cheaper than buying RG/58 which is not as good in the VHF/UHF spectrum.

Hope this helps,

Steven D. Kuo  
Mini computer address: sdkuo@argo.acs.oakland.edu  
Micro computer address: sdkuo@sycom.UUCP  
Oakland University, Rochester, Michigan, USA  
"Go Green, Go MSU"

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Date: Fri, 15 Mar 91 07:18:55 EST  
From: skitch@NADC.NADC.NAVY.MIL (M. Squicciarini)  
Subject: ARRLDX 013  
To: info-hams@ucsd.edu

ZCZC AE19  
QST DE W1AW  
DX BULLETIN 13 ARLD013  
FROM ARRL HEADQUARTERS NEWINGTON CT  
MARCH 15, 1991  
RELAYED BY KB8NW/OBS & BARF-80 BBS  
TO ALL RADIO AMATEURS

Thanks to Paul, KB1BE and the Connecticut DX Association for the  
following DX information.

FROM THE DXCC DESK. A reminder that the deadline for DXCC Honor Roll submissions is March 28, 1991. Cards must be received by March 28 to qualify for the next Honor Roll Listing.

NEPAL, 9N. Tom, K0TLM, along with AJ0E and VS6WW, plan to operate from Nepal, March 21 to 27. Both CW and SSB on the usual HF frequencies are offered, plus 6 meters.

MARIANA ISLANDS, KH0. Kenny, AH0K, will lead a team of DXers during the CQ World Wide WPX SSB Contest, March 30 and 31. The multi single effort will be from Saipan. Before and after the contest they will be found on the WARC bands on CW and also on 29 MHz FM, using individual callsigns. QSL via JE2JCV.

BANGLADESHSH, S2. Jim Smith, VK9NS, has had to delay his DXpedition to Dacca because of the lack of an official to sign his license to operate. Jim states that his situation is still good, and he will make the trip in a few weeks or so, when a new communications official is established.

SOUTH GEORGIA, VP8. VP8CDJ, who is located on Bird Island, will be QRV again in mid March. Watch for him after 2100 UTC on 14256 KHz. QSL via GM4KLO.

ETHIOPIA, ET. Jack, W4IBB, as ET2A, is still very active. Look for him on 21248 or 21306 KHz around 1500 to 2000 UTC. Also check 28400 and 28482 KHz working Europeans at 0630 and 1100 to 1230 UTC. Jack has also been spotted on 14222 and 14256 KHz late in the evening. All QSLs go to WB2WOW.

COMOROS, D6. D68KN, D68TS, D68YD and D68YH will be used by a Japanese DXpedition to the Comoros Islands in the Indian Ocean, from March 18 to 21. The usual DX frequencies will be used on 160 through 10 meters, CW, SSB and RTTY. QSL to JL3UIX.

CAMEROON, TJ. TJ1BJ is often found on 15 meters on Saturdays at 0500 UTC. Look for him on Saturdays and Mondays on 21303 KHz at 1230 UTC. Also, check 3675 or 3795 KHz. QSL to K4UTE.

Good Luck on DX de KB8NW/OBS

73 -- marty -- nr3z skitch@nadc.navy.mil

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Date: Fri, 15 Mar 91 07:17:46 EST  
From: skitch@NADC.NADC.NAVY.MIL (M. Squicciarini)

Subject: DX Bulletin  
To: info-hams@ucsd.edu

The Ohio/Penn Dx Packet Cluster Network  
DX Bulletin No. 001

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Date: 12 Mar 91 17:58:20 GMT  
From: ucunix.san.uc.edu!ucunix.san.uc.edu!morris@tut.cis.ohio-state.edu (Ted Morris)  
Subject: Ham Stacks Sighted!  
To: info-hams@ucsd.edu

The promised recap: Many thanks to Peter Hayward WX9T, Bob Snyder N2KGO, T. Govindaraj, and Lee Phillips who were the first four people to point out that Diana Syriac's ham test stacks are on at least these two machines: uxc.cso.uiuc.edu and apple.apple.com. In both cases they are in the /pub/ham-radio/ subdirectories (under different naming schemes, though--but recognizable).

Y'know, Dayton time is coming up...what would it take to nominate Diana for Ham of the Year for all she's done with these? I've got a 10-year-old daughter at home with about 20 letters of Morse down pat who can't WAIT to get at the Novice stack on our IIsi!

Ted Morris, WB8VNV, AppleLink U1091, morris@ucunix.san.uc.edu -OR-  
morrsta@ucmcic.oa.uc.edu, 513-558-6046Days (UC), cutesy .sig in Beta

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Date: 13 Mar 91 16:13:19 GMT  
From: hpl-opus!hpnmdla!donrm@hplabs.hpl.hp.com (Don Montgomery)  
Subject: Ham Trader Yellow Sheets?  
To: info-hams@ucsd.edu

Here's the info straight from the HTYS front page:

"Continue to send ADS, and SUBSCRIPTIONS WITH ADS to P.O. Box 10253  
Sarasota FL 34278 thru issue #4A'91. Send SUBSCRIPTIONS WITHOUT ADS  
to P.O. Box 15142 Seattle WA 98115."

BTW, the mail delivery on the HTYS stinks out here in the SF Bay Area.  
By the time I receive the sheets, everyone else in the nation got theirs  
at least a day earlier and all the bargains are gone. Boo Hiss :^(

Don Montgomery K6LTS  
donrm@hpnmdla.HP.COM

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Date: 12 Mar 91 18:59:51 GMT  
From: chiles.slisp.cs.cmu.edu!chiles@PT.CS.CMU.EDU (Bill Chiles)  
Subject: Ham Trader Yellow Sheets?  
To: info-hams@ucsd.edu

Can someone confirm the address for the Ham Trader Yellow Sheets? I have a post from this bboard indicating the following address:  
P.O.Box 15142 Seattle, WA 98115.

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Date: 13 Mar 91 20:00:16 GMT  
From: hpl-opus!hpnmdla!glenne@hplabs.hpl.hp.com (Glenn Elmore)  
Subject: info on VCO  
To: info-hams@ucsd.edu

In rec.ham-radio, ANGELO%IPIFIDPT@ICNUCEVM.CNUCE.CNR.IT (angelo) writes:

> I need information on vco in 23 and 13 cm bands,because i am developing a pll  
> for a transmitter in this band but i have a problem with VCO  
> I need a cirquit diagram for a reliable vco  
> 73 51 de iw5bde

I show one I use as part of the multiband microwave station local oscillator in June 1988 Ham Radio Magazine. This design uses a halfwave resonator and can provide a very clean output spectrum suitable for narrowband signal conversion.

Glenn Elmore -N6GN-

N6GN @ K3MC  
glenn@n6gn.ampr.org  
glenne@hpnmd.hp.com

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Date: Thu, 14 Mar 91 10:33:36 EDT  
From: WRIGHT%morekypr@CUNYVM.CUNY.EDU  
Subject: Looking for E-Mail Path  
To: INFO-HAMS@UCSD.EDU

we are looking for a path that can send E.mail to a friend in Flatwoods, Ky. Ronald Hamilton KC4MPS. I talked to him last night and he advised that there is a Packet BBS in Russell, Ky. and Ashland Ky. he logs into for BBs msgs. He also is looking for a path to send E.mail back to me, at Morehead State

University MOREKYPR. If you can help on this matter we both would be very thankful or if you can advise us of someone to contact (PHONE E-mail S-mail) would be helpful. The 2 meter repeater in our area doesn't have a packet connection. (146.91) K4GFY

Thanks for any assistance you may give.

For Ron Hamilton KC4MPS Flatwoods, Ky.

DE Tim Wright Wright@morekypr  
P>O> Box 79  
Clearfield, Ky. 40313-0079

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Date: 11 Mar 91 23:11:34 GMT  
From: bu.edu!wang!harvee!esj@decwrl.dec.com (Eric S Johansson)  
Subject: MODS FTP SITES  
To: info-hams@ucsd.edu

In article <46437@nigel.ee.udel.edu> hkn@udel.edu (Eta Kappa Nu) writes:  
>  
> Dear Netters,  
>  
>  
> I read a while ago somebody posted a Raddio Mods FTP site  
> using anonymous login. If you have that information pse posted again or  
> sen me an e-mail.  
>

I could use this info also. Thanks!

--- eric  
--

...  
^^^ eric johansson UUCP ...!uunet!wang!harvee!esj esj@harvee.uucp  
\* \* a juggling fool AT&T (617) 577-4068 (w)  
o HAM ka1eec  
\\_/ CSNET johansson%hydra@polaroid.com  
or hydra!johansson@polaroid.com  
source of the public's fear of the unknown since 1956

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Date: 8 Mar 91 21:03:50 GMT  
From: hpda!hpcupt1!holly@ucbvax.Berkeley.EDU (Jim Hollenback)  
Subject: Re: Data Packet Radio Might be Censored After FCC Citation  
To: info-hams@ucsd.edu

The point that the FCC was using to bring the fines against the node operators is that the amateur service is not to be used for commercial applications. The message that was post was clearly a commercial message. It advertised a 900 number. This is a clear violation of 97.113(a). Secondly, the distribution was 'ALL', which in effect made it a broadcast. The message fell outside the limits of 97.3(a)(23) and therefore made a violatoion of 97.113(c). 97.113(c) states that the amateur service can not be used for broadcasting. So the message violated the no broadcasting rule and violated the no commercial message rule.

The sticky part of the stick is that there is NO exemption in the rules for the operators of a store-and-forward station. By agreement in PR-85-105 the FCC agreed that the screening of the messages at the entry point would prevent the retransmission of inappropriate messages. Also in this agreement was the necessary trail of accountability. The Commision was clearly concerned about the unsupervised transmissions of third party traffic in this Memorandum Opinion and Order.

Granted that there were no doubt a number of previous messages that would fall into this catagory little was done because they did not come to the attention of the FCC. The FCC office that initiated the action was the Virginia Beach office, which is in the Norfork-Portsmouth metropolitan area. This is a MAJOR navy town on the east coast. The fact that the message was for a anti-war movement probably is what brought it to the attention of the FCC.

In the case of a person using a telephone to perform illegal activities, the phone company is NOT responsible because their mission in life is to provide unlimited, public access to there network FOR PROFIT. In short, they provided the service required of them so they can not be held responsible.

It seems to me that by PR-85-105 the operator of a store and forward station is REQUIRED to screen all incomming message to insure that the retransmission of inappropriate third party, messages from non-amateur stations, or commercial messages can not occur.

I did not say I agree with it, BUT these are the rules by which we have to play the game. I have a feeling the incident is far from over ... film at 11.

73, Jim, WA6SDM  
holly@hpcupt1.cup.hp.com  
not occur.

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Date: Thu, 14 Mar 1991 03:32:55 -0500  
From: oler@HG.Uleth.CA (CARY OLER)  
Subject: SOLAR TERRESTRIAL BULLETIN - SOLAR AND STORM WARNING UPDATES  
To: info-hams@ucsd.edu

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## SOLAR TERRESTRIAL BULLETIN

14 March, 1991

Solar Information and Warning Updates

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### UPDATED WARNING INFORMATION

A MAJOR GEOMAGNETIC STORM WARNING REMAINS IN EFFECT for 15 March, 16 March and 17 March. A MAJOR geomagnetic storm is likely to occur beginning on 15 March over the high latitudes, spreading southward to encompass the middle and low latitudes by 16 March. Middle and low latitudes could reach minor storm levels on 15 March, increasing to major storm levels on 16 March.

A possibility exists for some isolated periods of severe magnetic storming, particularly over the high latitude regions. K-indices should be sustained near 6 and 7 over high latitudes. Middle latitude magnetic K values could peak at 7, but will likely remain confined to values of 5 and 6. Magnetic A-indices over middle latitudes are expected to reach (or possibly exceed) 50 on 16 March. Values near 30 are possible late on 15 March. High latitudes could see A-indices between 60 and 100 on 15 and 16 March.

Storming should be most intense on 15 and 16 March (particularly 16 March for the middle latitudes). A substantial southward migration of the auroral zone is possible during this period.

A LOW LATITUDE AURORAL ACTIVITY WARNING REMAINS IN EFFECT for 16 March. Significant auroral storming is expected late on 15 March and/or on 16 March. Activity may be viewable from the lower latitudes.

A POTENTIAL EXISTS FOR GEOMAGNETICALLY INDUCED CURRENTS on 16 March. Organizations which might be affected are warned to be on the alert for possible magnetic storm induction effects. No significant induction is currently anticipated, but conditions could materialize sufficiently to produce magnetic induction.

POTENTIAL SATELLITE PROTON WARNINGS AND POTENTIAL PCA ACTIVITY WARNINGS are being issued. A satellite proton event could materialize when the

interplanetary shock arrives. A proton enhancement is already in progress. Density enhancements trailing the shockwave could easily push proton levels above event thresholds. Also, additional major solar flaring could spawn PCA (Polar Cap Absorption) activity over polar regions. A condition YELLOW alert status for potential PCA activity has been issued by the Space Environment Services Center.

A magnetic SSC is expected on 15 March, marking the arrival of the interplanetary shock. Coincident with the arrival of the shock, radio conditions on HF bands will become abruptly disturbed with increased fading and noise, increased flutter and LUF's and decreased MUF's. With the arrival of the main phase of the geomagnetic storm, significant distortion, absorption and noise can be expected on 16 March. Periods of signal blackouts on the HF bands will be possible. Some improvement can be expected on 17 March, with significant improvements occurring on 18 March (barring any further major flaring - which seems likely at the moment).

VHF propagation conditions are expected to become abnormally ENHANCED with the arrival of the interplanetary shock. A period of potentially good DX could exist for a brief period following the impact of the interplanetary shock. Thereafter, degradation is expected in the quality of DX signals on VHF frequencies. Decreased MUF's will likely prevent 6 meter contacts when the main storm phase hits.

However, a significant opportunity exists for VHF bistatic auroral backscatter communications on frequencies between 50 MHz and above 144 MHz. All middle latitude stations could experience unusually good DX using auroral backscatter communications. For best results, directional antennas should be aimed to the low northern or northeastern horizon (or southern horizon for the southern hemisphere). Communications will improve with INCREASING magnetic activity. Look for high K-indices between 5 and 7 for the best auroral backscatter possibilities. Best times will be in the late afternoon and near midnight local time. Operators using CW on VHF will likely have the best chances for making potentially long-distance multiple-scatter contacts. VHF signals propagating via auroral backscattering will exhibit significant auroral-induced flutter and possible signal "motoring". Contacts could be brief and unstable.

PLEASE SEND ANY REPORTS OF AURORAL ACTIVITY, HF OR VHF DX CONTACTS, AND/OR DESCRIPTIONS OF DEGRADED RADIO CONDITIONS TO: "oler@hg.uleth.ca". PLEASE INCLUDE THE DATE, UT TIME, LOCAL TIME, LOCATION, AND A BRIEF DESCRIPTION OF THE OBSERVED PHENOMENA OR RADIO CONDITIONS.

#### SOLAR ACTIVITY INFORMATION UPDATE

Region 6545 has not produced any further major events since the last major flare of 15:48 UT on 13 March. However, it remains magnetically

complex with high magnetic field strengths and high gradients. Further X-class flaring is expected over the next 24 to 72 hours. Proton flaring is possible. This region could produce further moderate to high terrestrial impacts if major flaring continues. This region is now located at S08E38 (at 00:00 UT on 14 March). This region is maintaining a strong Beta-Gamma-Delta magnetic configuration.

Region 6538 (S23W18) continues to be a threat. It still exhibits a magnetic Beta-Gamma-Delta configuration, but is beginning to show signs of decay as of 13 March. This region has declined in spot count and area over the past 24 hours, but is still capable of producing a major flare.

Further major flare alerts are likely to be posted. Also, a Geomagnetic Storm Alert is likely to be posted sometime on 15 or 16 March, depending on when the interplanetary shock hits. Activity updates will be posted thereafter.

\*\* End of Bulletin \*\*

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Date: 12 Mar 91 20:06:38 GMT  
From: sdd.hp.com!uakari.prima.te.wisc.edu!aplcn!wb3ffv!ka3ovk!  
jsmith@decwrl.dec.com (Joe Smith)  
Subject: TH-77A hum in TX audio  
To: info-hams@ucsd.edu

Last week I bought a Kenwood TH-77A to replace my TH-75. I was really impressed by all of its features. I loaded a couple freqs in memory then called a friend on 2 meters and asked him how I sounded. He told me the audio was plenty loud by that I should turn my PL tone off. I then looked in the manual to see how to turn my PL tone off and found that it was not on! So I turned my mobile 2m radio on and there it was, a hum, on my audio that sounded like a PL tone.

The hum is only on 2 meters and is louder on high power than low. When you get closer to the mike to talk the hum also gets louder. I called Kenwood to see if this hum was a defect in my TH-77A and the guy that answered the phone told me that the TH-77A does not have this problem and that I should return the radio.

When I took the radio back to the Kenwood dealer and showed them the problem they called Kenwood which told them they knew about the problem (why did Kenwood not tell me that) and it was caused by the LCD display. Kenwood told the Dealer that the hum could be eliminated by replacing a resistor in the LCD display circuit and turning down the deviation. When the Dealer install the

fix the hum was still there. I then returned the radio for a refund.

I am beginning to wonder if Kenwood will ever release a HT that works right. I have not seen a good one since the TH-215. The TH-75A new out of the box had a problem when RF got into the CPU and scrambled it locking up the radio.

Has anyone else noticed the hum on the 2 meter audio of the TH-77A. I would recommend that if you are going to buy a TH-77A hold off for 6 months when Kenwood either fixes the problem or releases a new model.

If you have already bought a TH-77A please call Kenwood at 213-639-7140 or 213-639-9000 and complain.

73's N3FKQ Joe

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Date: (null)

From: (null)

Thanks to Tedd Mirgliotta, KB8NW, and the Northern Ohio Amateur Radio Society, Northern Ohio DX Association and K8BL, WB8LFO, KW3N, W8QWI AND WB3LHD for the following DX information.

4K1, SOUTH SANDWICH. Confusion still continues on the legitimacy of 4K1ZI. The operator is with a scientific team on the island as stated by both PY2PE and UA2AO. The puzzling part is no one can find the address for his QSL manager, not even USSR operators. WFWL!!!

9K2, KUWAIT. Now that the Gulf War is over, a station signing 9K2SH has become active on the PHO Family Hour Net on 14226.5 at 2200Z. Also it has been reported that 9K2/NE2X showed up on the 14160 DX net around 2245Z.

D6, COMOROS. This country has been very active all because of some JA operators. The stations D68YH, D68TS, D68YD and D68KN will be active from March 8-12 and then make a stint to FH (Mayotte) between March 12-20 with a return to D6 on March 20-21. These stations have been heard around 14002, 14093 (RTTY), 18075, 24910 and 28452 KHz.

FR/G & FR/T, TROMELIN & GLORIOSO. Rumors of Jacques, FR5ZU, stating he will be going to these islands have surfaced again. Word has it he will make two trips to each island sometime this year.

ET, ETHIOPIA. JACK, ET2A, continues to be active mostly on list type operations, but with some QRM. Check the following frequencies for nets and sometimes going it alone: 21295 to 21306 or 21248 KHz from

1500-2000Z or 28568. In the late evening 14256 and 14222 KHz on Jim Smith's net, VK9NS, around 0500Z. Operation will come to an end in the middle of April. QSL via WB2WOW. Late breaking news has John, PA3CXC, maybe visiting Jack for a week to operate. This is good news for all who need ET.

VP2E, ANGUILLA. K080, KB8WC and K8BL will return to Anguilla, VP2E, to operate again this year from May 1 to 7. This is 2/3 of the group that operated as VP2EOH last year and they hope to renew the VP2EOH call (KYFC). Operation will be about 2/3 SSB and 1/3 CW and will concentrate in the Gen/Tech portions of the bands. If an antenna situation allows for WARC operation they will operate on those bands. QSL via K8BL direct or via BUR0. All Non-SASE will be returned via the BUR0.

S2, BANGLADESH. Jim Smith, VK9NS, has postponed his trip to Bangladesh for one to three weeks or even as late as May, because of the political unrest. It seems the elections in Bangladesh were very close. Keep listening to the HIDXA net for further updates.

T31, CENTRAL KIRIBATI. DL1VU, now signing T31AF, has been active on 24895 at 0040Z. He is mainly a CW op, so also check 25 kHz from the bottom of 10, 15 and 20 meters. QSL via DL2MDZ.

XQ, SAN FELIX. John continues to be active and pushing this rare one down the want list. XQ0X can be found on 21195 KHz at 0420Z and 28485 KHz between 1400 and 1530Z. John has also been found on 18130 KHz at 0411Z and 24950 KHz at 0414Z. QSL via CE3ESS.

XZ, BURMA. The Burma pirate continues to be active on CW. The station signing XZ9A claims his QSL manager is JA8IXM, but Masaaki knows nothing about this operation.

17 AND 12 METERS. These two bands continue to be very active with variety of DX station thru out the world. Remember these bands count for DXCC credit. Look for:

3B8CF	18077/0258Z	C06CG	24905/2242Z
3D2QB	18087/0412Z	F00IGS	24895/0011Z
4S7NE	18070/0115Z	HK0BKX	24899/1346Z
5W1JC	18074/0715Z	NH6YG/KH3	24995/2239Z
D44BS	18157/0426Z	T31AF	24895/0040Z
FK0BJ	18074/0444Z	TK5BF	24939/1700Z
HF0POL	18071/0308Z	VQ9AY	24940/1706Z
ZL9DX	18135/0456Z	ZL9DX	24950/0044Z

REMINDER. The 80-meter Novice band will be moved on March 16, to 3675-3725 KHz. Also higher-class licensees should remember

that their power limit in this range is also 200 watts output.

SAD NOTE. As members of the NOARS, NODXA and BARF Club were in the process of signing a Get Well card for Bill, ZS5BK, we learned he became a silent key. Bill had an unfortunate accident falling off his tower. You may remember Bill from his 7P8 Dxpediton. He will be missed on the air.

Good Luck on DX de KB8NW

73 -- marty -- nr3z

skitch@nadc.navy.mil

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Date: (null)

From: (null)

I'm in somewhat of a predicament since I took the address from the post on this bboard as being correct and sent this organization a \$15 check for 24 issues. However, no I wonder where I sent the thing.

I'd like to find out the correct address soon, so I can cancel my check if necessary. Also, I'd like to subscribe at the correct address.

Bill

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End of Info-Hams Digest

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